Arielle Ostankova

Senior Frontend / Full-Stack Developer

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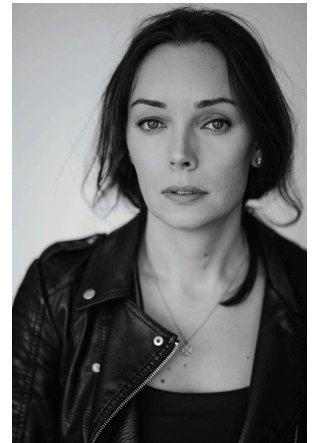
15 Years of Software Development Experience - **Last 8 Years with ReactJS**.

Broad experience across the board: backend, frontend and management for dynamic web projects.

Focused on full-stack development of scalable web-apps.

Currently preferred tech-stack:

Frontend: ReactJS (Typescript / ES6+)

Backend: NodeJS / Python

Cloud: AWS / GCloud, Serverless

Preferred Frontend tools & libs:

Jest, Cypress, Mobx, Redux, Lodash, DateFns, Babel, Webpack, Yarn, Lerna, NextJs, GraphQL, PixiJs, Firebase, etc.

Work Experience

Nov 2018 – Dec 2025   **Artware Studio**
Senior Frontend Developer & Architect

Working on a Contract basis for different software companies:
  - *AutoScout24*
  - *Native Instruments*
  - *Roche*
  - *Scheidt & Bachmann*
  - *German Edge Cloud*
  - *Münchener Hypothekenbank*
  - *Constructor.io*

Hands-on Full-stack or frontend-focused development.
Leading a team as Technical Lead / Architect on some projects.

React.JS, NextJs, Typescript, Mobx, Redux, FrontedDevelopment, AWS,

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Jun 2017 – Nov 2018   **All Pics**
Co-Founder, FullStack Developer, Technical Lead   all.pics

Serverless photo sharing platform in NodeJS and ReactJS.
Bootstrapped to hundreds of users as 1-person team.

  - Back-end: Serverless, NodeJS.
  - DevOps: AWS, GoogleCloud, Serverless.
  - Front-End: React, Mobx, Typescript.
  - Others: Image Recognition, WebSockets.

AWS, Micro-Service Architecture, Firebase, Web Development, Full-Stack Development, React,
NextJs, Mobx, Redux, MaterailUI, Styled-Components.

Apr 2015 – Oct 2016   **Building Radar Gmbh**
Co-Founder, **CTO**   buildingradar.com

*CTO, responsibility for the technical side of the company. Building technology from scratch and
scaling that up in terms of users, data size and tech team. Started as 3 co-founders and grown
that up to 20+ people, terabytes of data and many happy costumers.*

  - Early stage: customer research, prototyping, tech stack selection, investors/competitions
    negotiations.
  - Mid stage: architecture development, development-team building and management,
    leading development (doing a lot of coding and communication) of most critical parts.
  - Later stage: research & development, technology picture and orientation.

Big Data Architecture, Amazon Web Services, Google Cloud Platform, Data Pipeline,
Map-Reduce, Hadoop, Spark, Natural Language Processing, Machine Learning, Web Scraping,
Full-Stack web development, Fast prototyping, Tech team Management, Firebase.

Feb 2014 – Apr 2015	**Cliqz Gmbh**
Senior Software Developer	cliqz.com

Search-Machine: mainly working on Backend.

- Project owner & Lead developer – "Rich header": part of search engine, responsible of showing smart snippets dependent on context of the query.
- Project owner & Lead developer – "People Search": part of the search engine, specialized on finding people profiles in internet.
- Python back-end development.
- Project scaling (architecture & team leading)
- Result oriented R&D with deadlines.

Amazon Web Services, EMR (AWS Map-Reduce), Elastic Search, Web Scraping, High Scale Architecture, Big Data Processing, Natural Language Processing, Machine Learning, Small Tech-team Management.

Jun 2013 – Jan 2014	**Siemens Corporate Technology**
Master Thesis, R&D	siemens.com

Work on master thesis at Siemens R&D Department.
Research topic: Machine learning in Semantic Web

- Natural Language Processing.
- Big Data analysis.
- Question-Answering system.
- Research & Development.
- Research paper and thesis writing.

Machine learning, Natural Language Processing, Big Data processing, R&D, WEKA.

Mar 2006 – Jul 2013	**Next Munich (Munich),**
Software Developer	**Layar (Amsterdam/Remote),**
	CyberVision (Kyiv)

Developed a diverse portfolio of mobile and web solutions, progressing from Junior R&D to Lead-level development roles.
- **Technologies:** *Android, iOS, Java, C, OpenGL, Google App Engine, Slim3.*
- **Key Achievements:** *Delivered high-performance AR experiences at Layar; built scalable full-stack web apps at Next Munich; and developed cross-platform TV broadcasting software at CyberVision.*

Soft Skills:

Communication, Empathy, Teamwork, Approachability, Helpfulness, Patience, Open-mindedness, Accountability, Problem-solving, Creativity, Time management

Education

- **Master in Science in Computer Science:** Technische Universität München, München (2011 – 2014), Department of Informatics.
- **Bachelor in Science in Computer Science:** International Solomon university, Kyiv (2006 – 2010), Department of Computer Science.
- **Secondary education:** Gymnasium #1, Simferopol (1996-2006)

Languages

- **German:** Fluent
- **English:** Fluent
- **Russian & Ukrainian:** Mother tongue